

## ABSTRACT

The present invention provides for an improved method of preparing fetuin by using a chelating agent to remove inorganic ions, such as zinc, calcium, and barium, from fetuin. Then, reloading the "naked" fetuin with Zinc Acetate to form a product that is mainly Fetuin-Zinc. This improved method of preparing Fetuin-Zinc or supercharged zinc fetuin increases the effectiveness of inducing apoptosis in cancer cells by three to four times.